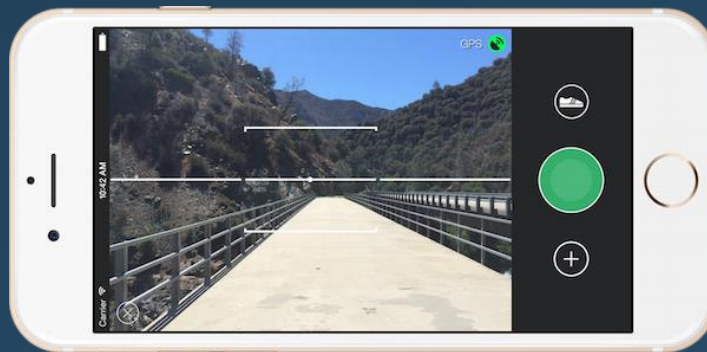
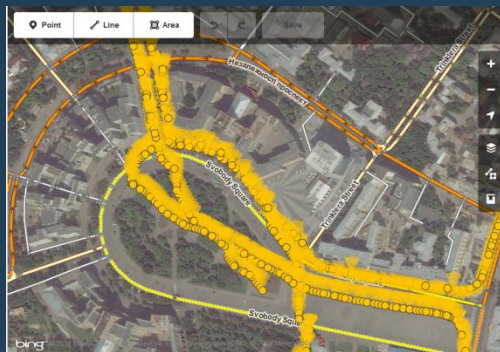




Secondary CITIES

Kharkiv Workshop – September 2016

Mapillary



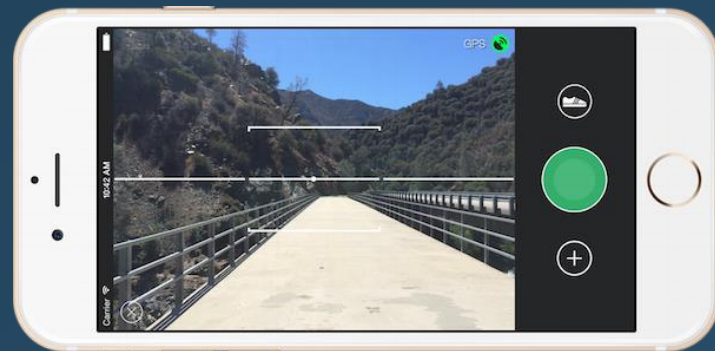


What is Mapillary?

Mapillary is an open crowdsourcing tool. It is a mobile app that collects geotagged photos that are then uploaded to OpenStreetMap. It is not designed to edit a map directly but rather expand upon the features that are already there.

Enhances existing map with:

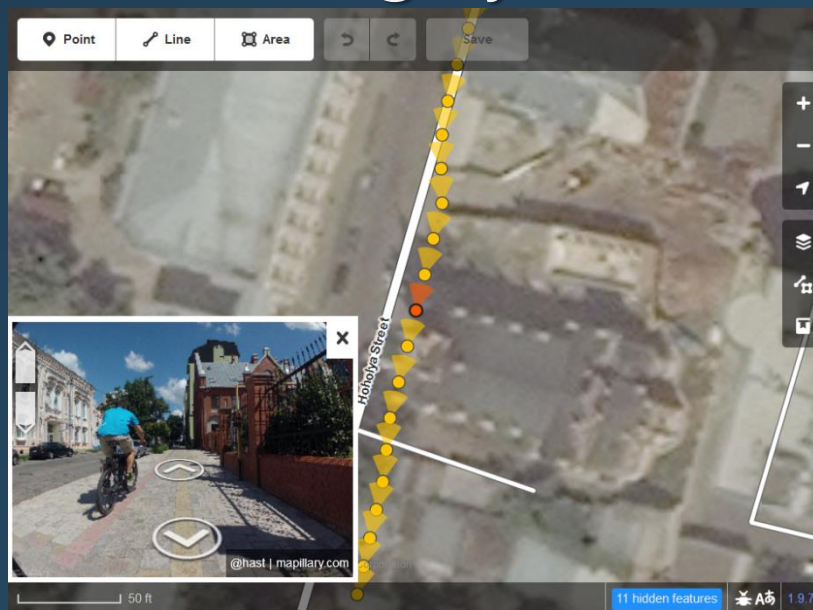
- Adding a photo to objects
- Verify object classifications
- Objects that cannot be seen in imagery





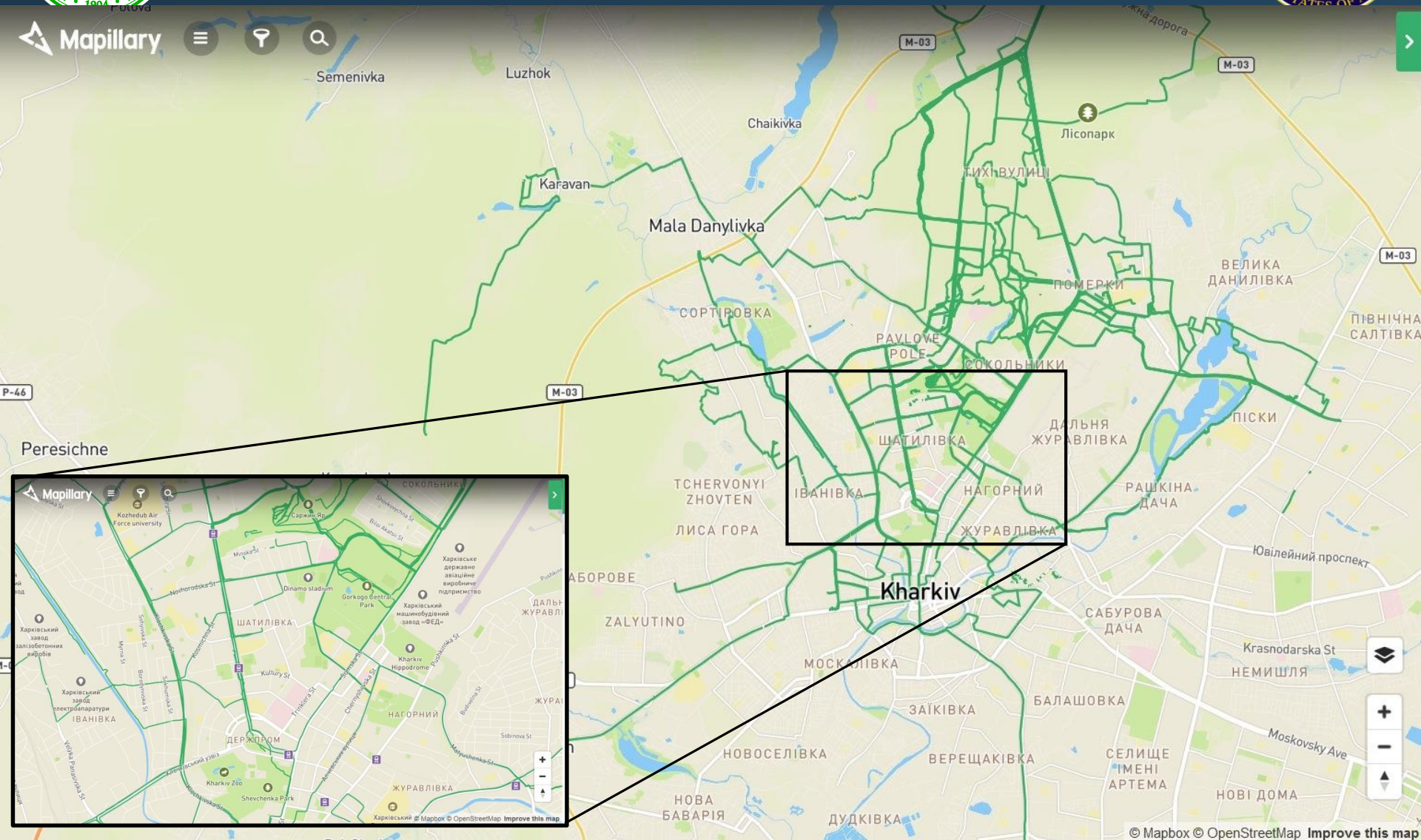
Why StreetView?

Streetview imagery has the advantage of recording features that cannot be viewed in satellite imagery alone. This is a Mapillary photo taken from a bicycle that show the presence and material of a sidewalk that cannot be seen in the imagery.





Coverage in Kharkiv





Capturing



1) Devices:

- Smartphone (iPhone or Android)
- Garmin
- GoPro

2) Exploring:

- Walk
- Bike
- Drive

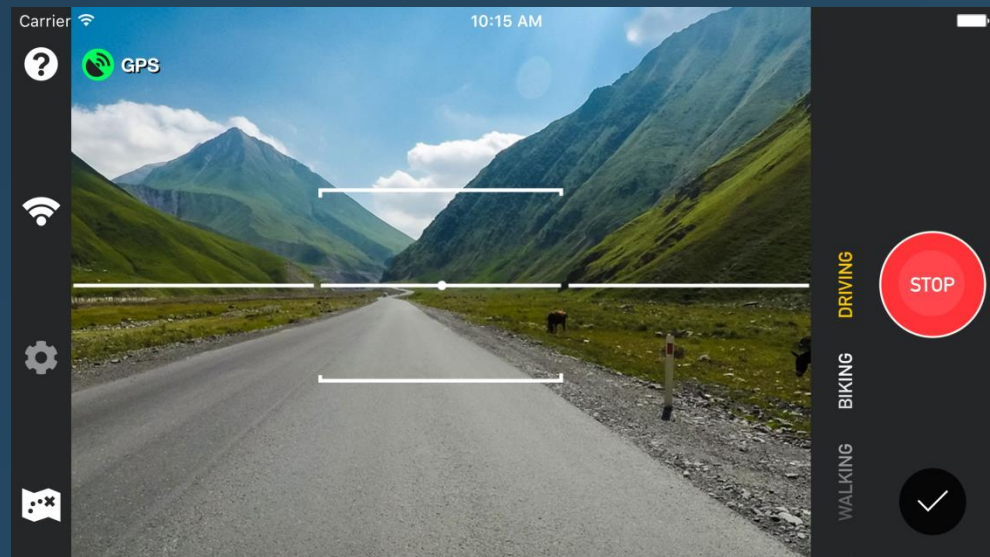




Capturing



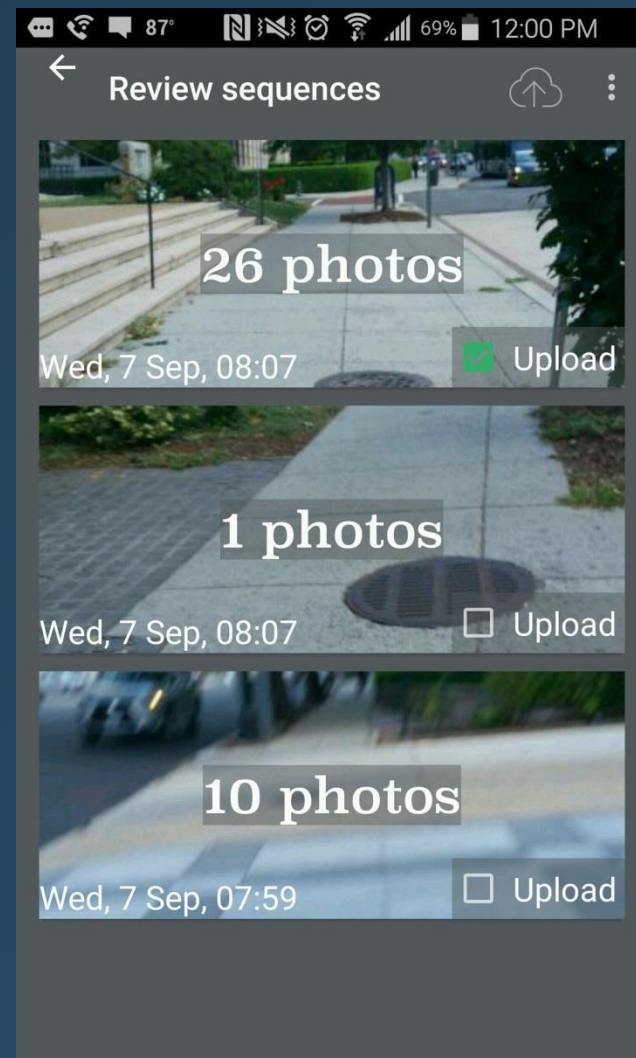
- **Manual:** Tap the start button to take a single photo
- **Automatic:** Tap the button to start a series. Images will be gathered at regular intervals based on the shutter preferences you define in the *Settings*. Tap again to stop.
- **360° view:** While standing; start a series and turn slowly in a circle. Tap button to stop.
- *Note: Tips for taking good photos [here](#).*
- *Note: You can request a free bike or car mount from Mapillary [here](#).*





Upload Photos

- Menu > Review Sequences (remove photos you do not wish to upload)
> select sequences > press upload button
- Photos are processed by Mapillary then added to the map. This can take a couple hours
- Once in the map they are automatically added to OSM.
- *Note: Only uploads photos on wifi*
- *Note: Deletes photos once uploaded*
- *Note: You will be notified by email when the upload is complete*





Upload Photos

- View your uploaded series
- Note the presence of GPS error

Mapillary

geoarchexplorer

Feed Uploads Projects

Uploaded photos 36
Distance mapped 224 m
Show my coverage only ☐
Member since Sep 6, 2016

[Upload photos](#)

September 8, 2016 14:57 26 photos 2

September 7, 2016 10:47 10 photos 5

photo by geoarchexplorer Sep 7, 2016

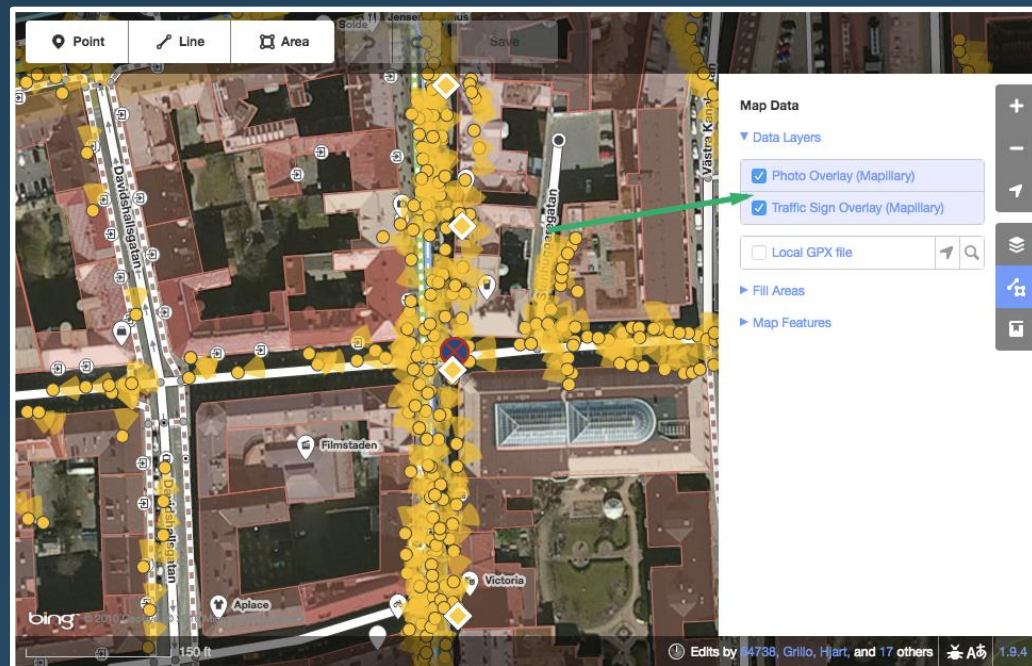
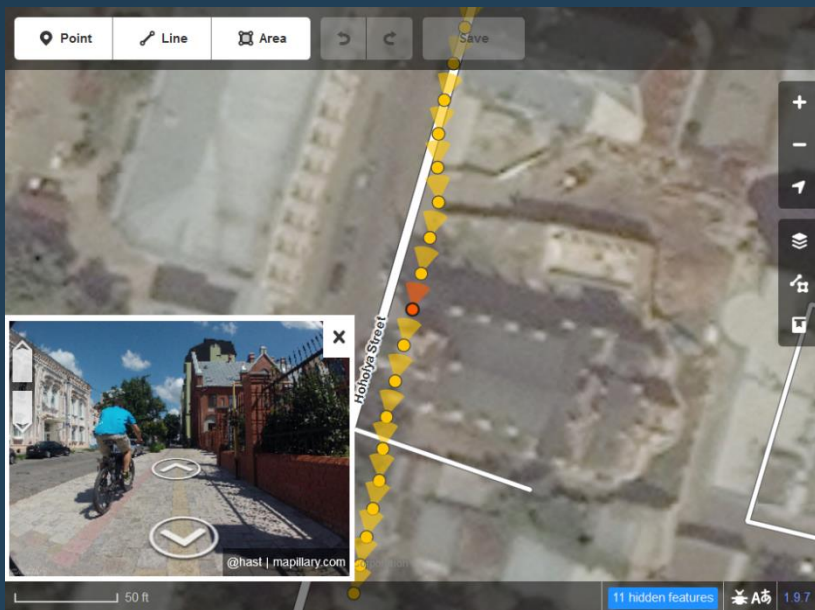
© Mapbox © OpenStreetMap Improve this map



Mapillary in OSM

OSM iD editor

- 1) Click 'Map Data'
- 2) Enable 'Photo Overlay (Mapillary)'



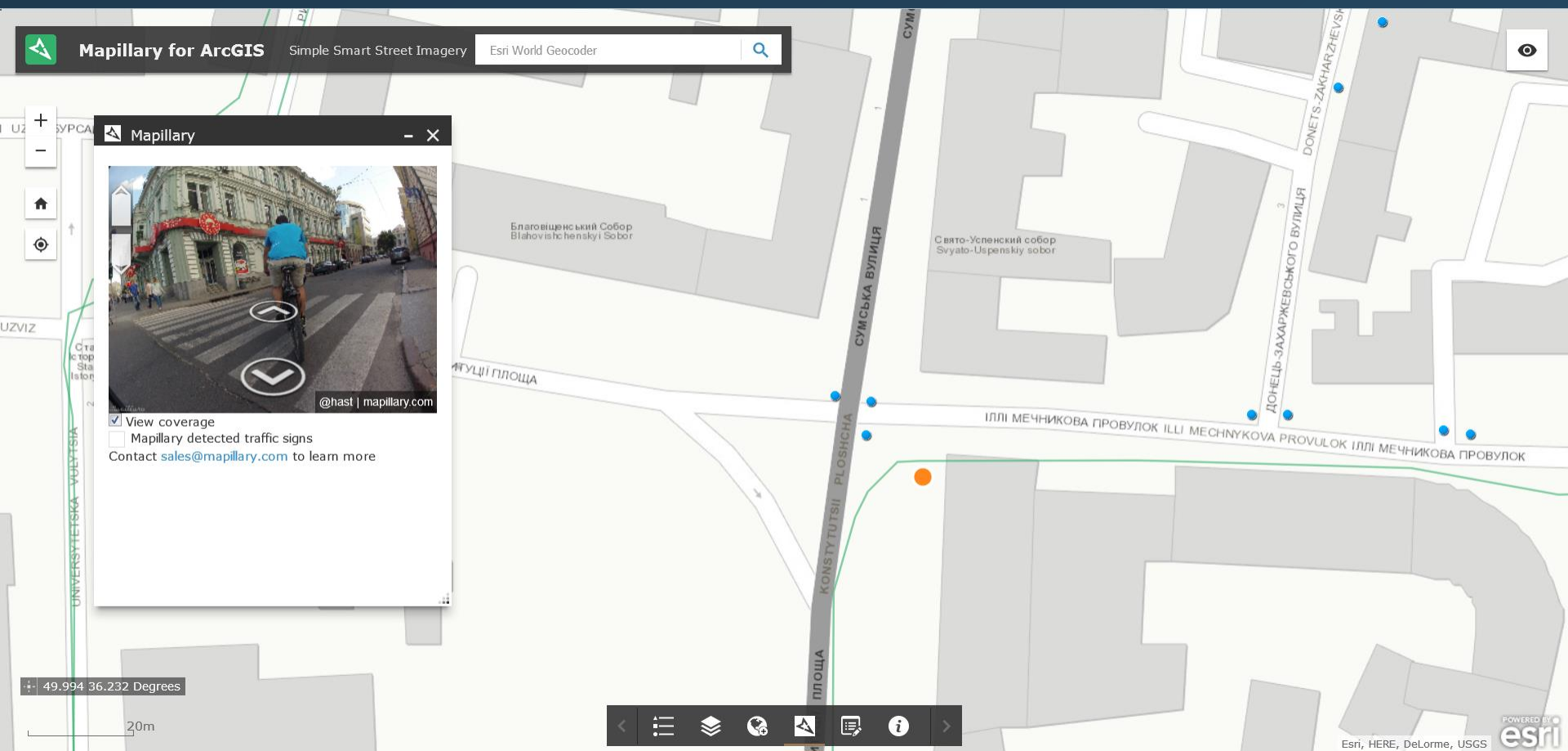


Mapillary for ArcGIS

- Advantage of Mapillary is to collect continuous series of photos more quickly from bike or car than individual points as with a survey.
- **Example:** Verifying intersections with curb cuts ([Link](#))
- **Demo:** Does not require login <http://arcgis-demo.mapillary.io/>
- For purchase or **free** trial:
<https://marketplace.arcgis.com/listing.html?id=6d0871cf6b8a453db8bc858318f41b89>
- Mapillary Integration for ArcGIS is **free** for **schools!**
<https://www.mapillary.com/edu>



Mapillary for ArcGIS





Sign Up

<https://www.mapillary.com/>



Solutions

OpenStreetMap

Community

Blog

Help

Sign in or

Sign up



The new Mapillary is here! Learn more about it on our blog.

Street-Level Photos for Everyone

Discover places, collaborate, capture the world. Join us!

Explore the world now

New? Sign up here.



Sign Up

<https://www.mapillary.com/>

- 1) Email address
- 2) Username
(Minimum of 3 characters)
- 3) Password
(Minimum of 5 characters)
- 4) Agree to terms
- 5) Click 'Sign Up'
- 6) Download the app on your smartphone or device. Available for either iOS or Android

Sign up

Join thousands of community members who are contributing photos to visually map the world!

Email address

Username min. 3 characters

Password min. 5 characters

☐ By signing up you agree to [Mapillary's Terms](#) and [Privacy Policy](#).

Sign up



Links

- 1) [How to Start Photomapping - Mapillary 101](#)
- 2) [Photo mapping on OpenStreetMap with Mapillary](#)
- 3) [How To Use Mapillary For Map Editing OpenStreetMap](#)
- 4) [The Next Level of OSM Editing - Using Mapillary with iD Editor and JOSM](#)
- 5) [Mapillarising Brazil](#)
- 6) [Capturing: How to take great photos](#)
- 7) [Request a free mount!](#)

